LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.824	149	152	155	rBV	153555	238857	8.75%	0.631%
2	5.047	256	259	262	rBV	116150	164201	6.02%	0.434%
3	5.481	295	297	299	rBV	864101	893042	32.73%	2.360%
4	5.870	329	331	334	rVB2	35698	42018	1.54%	0.111%
5	6.019	342	344	347	rBV	32680	34343	1.26%	0.091%
6	6.293	366	368	375	rVB3	12626	27677	1.01%	0.073%
7	6.510	385	387	389	rBV	420734	551931	20.23%	1.458%
8	6.636	395	398	400	rBV	1704714	1527159	55.97%	4.035%
9	6.670	400	401	402	rVB	51371	35389	1.30%	0.094%
10	6.864	416	418	420	rBV	513512	431880	15.83%	1.141%
11	7.024	429	432	433	rBV	1905282	1844245	67.59%	4.873%
12	7.116	438	440	443	rVB	540841	499000	18.29%	1.319%
13	7.207	444	448	451	rBV	282205	445744	16.34%	1.178%
14	7.264	451	453	454	rBV	41631	40112	1.47%	0.106%
15	7.413	463	466	467	rBV2	1291543	2040219	74.77%	5.391%
16	7.436	467	468	471	rVV2	1717735	1628345	59.68%	4.303%
17	7.516	473	475	477	rBV	188752	180962	6.63%	0.478%
18	7.562	477	479	481	rVV	181158	168018	6.16%	0.444%
19	7.642	482	486	488	rVB	1105859	1001280	36.70%	2.646%
20	7.699	488	491	492	rBV3	29883	57104	2.09%	0.151%
21	7.722	492	493	494	rVB	46043	31562	1.16%	0.083%
22	7.756	494	496	498	rBV	130643	122187	4.48%	0.323%
23	7.825	498	502	505	rVB3	437005	813370	29.81%	2.149%
24	7.893	505	508	510	rBV	2313296	2491051	91.29%	6.582%
25	7.927	510	511	513	rVV2	124295	104065	3.81%	0.275%
26	7.973	513	515	518	rVB2	144190	182400	6.68%	0.482%
27	8.019	518	519	521	rVB	163393	165961	6.08%	0.439%
28	8.087	523	525	526	rBV	49644	65300	2.39%	0.173%
29	8.145	526	530	531	rVV	736452	931698	34.15%	2.462%
30	8.202	534	535	537	rVV	352815	269695	9.88%	0.713%
31	8.247	537	539	540	rVB2	121717	149577	5.48%	0.395%
32	8.282	540	542	543	rBV	127405	118996	4.36%	0.314%
33	8.305	543	544	546	rVV	160541	169673	6.22%	0.448%
34	8.350	546	548	550	rVV	344754	321691	11.79%	0.850%

LSC Area Percent Report

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Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.396	550	552	553	rVV	252369	308647	11.31%	0.816%
36	8.430	553	555	558	rVV3	200177	361435	13.25%	0.955%
37	8.476	558	559	563	rVV3	37615	81850	3.00%	0.216%
38	8.533	563	564	566	rVB	247067	215308	7.89%	0.569%
39	8.625	566	572	573	rBV	285281	370814	13.59%	0.980%
40	8.659	573	575	578	rVV	661343	717490	26.29%	1.896%
41	8.716	578	580	581	rVV2	133892	133987	4.91%	0.354%
42	8.739	581	582	584	rVV2	148369	156621	5.74%	0.414%
43	8.807	586	588	590	rVV	430230	577225	21.15%	1.525%
44	8.842	590	591	594	rVB	63362	84565	3.10%	0.223%
45	8.967	599	602	604	rVV	2587294	2728619	100.00%	7.210%
46	9.070	607	611	612	rVV3	81612	212248	7.78%	0.561%
47	9.093	612	613	618	rVV2	100837	198525	7.28%	0.525%
48	9.230	622	625	627	rVV	2633072	2544537	93.25%	6.724%
49	9.265	627	628	632	rVV2	32725	60801	2.23%	0.161%
50	9.379	632	638	639	rVV	136962	209014	7.66%	0.552%
51	9.425	639	642	645	rVV	267708	437743	16.04%	1.157%
52	9.493	645	648	650	rVV	514345	735841	26.97%	1.944%
53	9.562	652	654	656	rVV	861450	1100147	40.32%	2.907%
54	9.596	656	657	659	rVV	537125	415347	15.22%	1.098%
55	9.630	659	660	663	rVV3	26244	54582	2.00%	0.144%
56	9.676	663	664	667	rVV2	252290	490876	17.99%	1.297%
57	9.768	669	672	673	rVB2	149086	174084	6.38%	0.460%
58	9.905	681	684	686	rBV	686171	681633	24.98%	1.801%
59	9.939	686	687	690	rVV2	79713	97455	3.57%	0.258%
60	10.008	690	693	695	rVV2	52059	94839	3.48%	0.251%
61	10.053	695	697	698	rVV	29099	35016	1.28%	0.093%
62	10.110	700	702	704	rVV	140505	173646	6.36%	0.459%
63	10.145	704	705	707	rVB	78047	68189	2.50%	0.180%
64	10.225	710	712	713	rBV	94667	98388	3.61%	0.260%
65	10.248	713	714	716	rVB	36493	28918	1.06%	0.076%
66	10.316	716	720	723	rVB3	51811	125755	4.61%	0.332%
67	10.385	723	726	728	rBV4	17740	32814	1.20%	0.087%
68	10.442	728	731	735	rVB4	71428	132176	4.84%	0.349%
69	10.510	735	737	741	rBV4	26297	60896	2.23%	0.161%
70	10.693	750	753	755	rBV	1334263	1261490	46.23%	3.333%
71	10.819	762	764	768	rVB3	17233	30907	1.13%	0.082%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.265	800	803	809	rVB6	9791	29301	1.07%	0.077%
73	11.391	811	814	816	rBV	485874	545599	20.00%	1.442%
74	11.596	830	832	834	rBV	312834	278351	10.20%	0.736%
75	12.751	930	933	935	rBV	426626	430028	15.76%	1.136%
76	12.796	935	937	939	rVB	46888	41226	1.51%	0.109%
77	12.968	950	952	955	rBV	1517300	2113288	77.45%	5.584%
78	13.757	1018	1021	1023	rBV	196992	282332	10.35%	0.746%
79	13.871	1029	1031	1038	rVB5	12132	32459	1.19%	0.086%
80	14.019	1042	1044	1047	rVB	400510	418945	15.35%	1.107%
81	14.637	1095	1098	1105	rBV	107823	164436	6.03%	0.435%
82	15.460	1168	1170	1173	rBV	304477	379223	13.90%	1.002%
83	15.597	1180	1182	1185	rBV2	29471	47573	1.74%	0.126%

Sum of corrected areas: 37843941

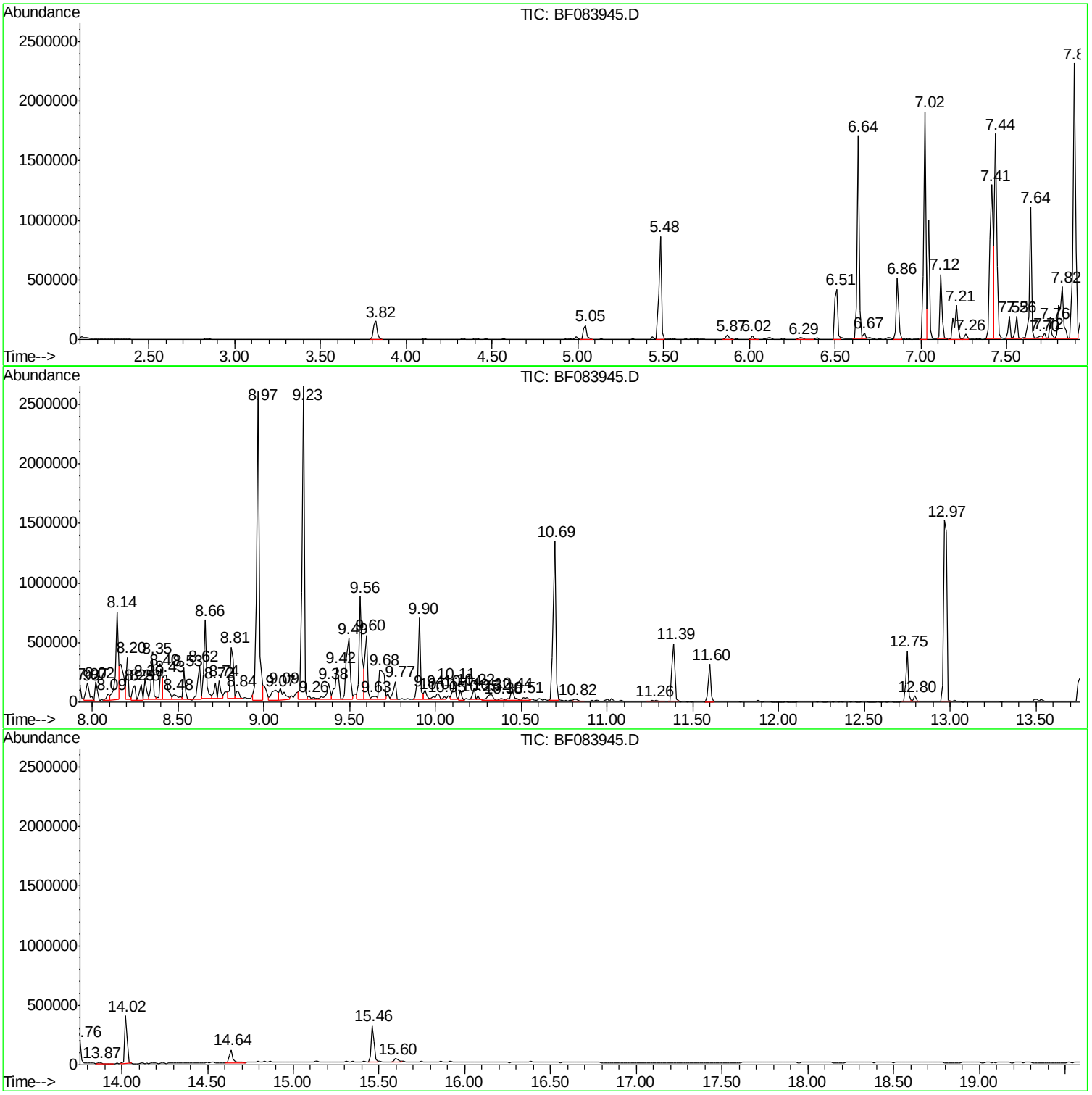
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

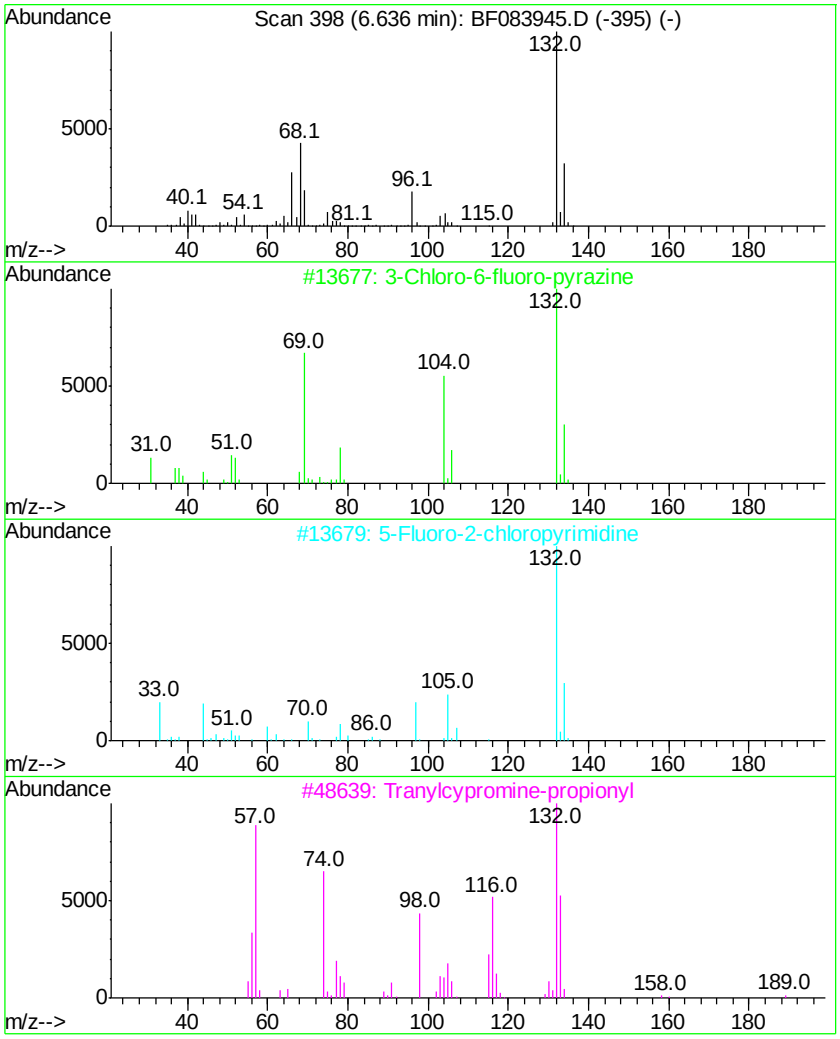
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

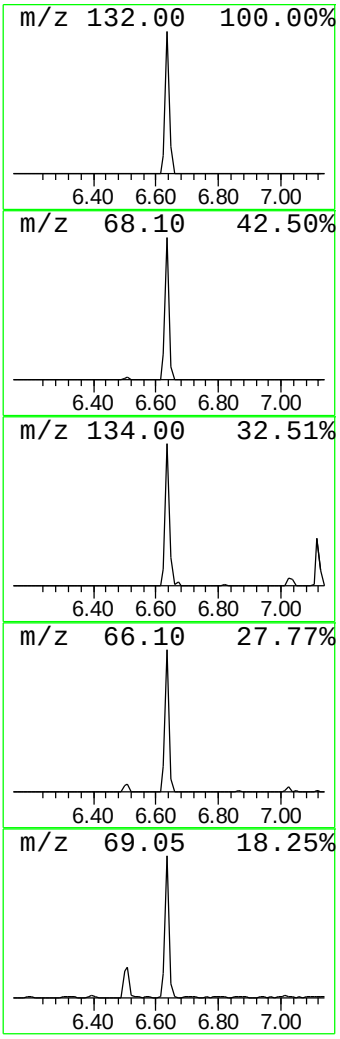
****

Peak Number 2 unknown6.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	70.72 ng	1527160	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

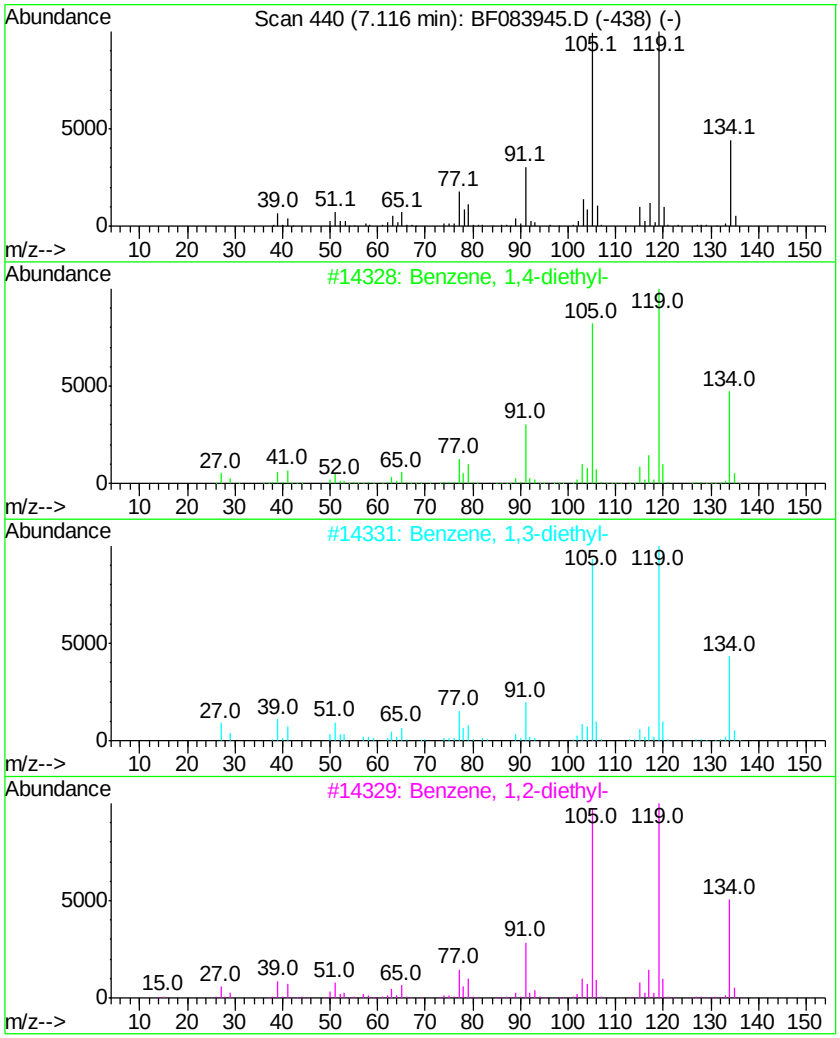
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

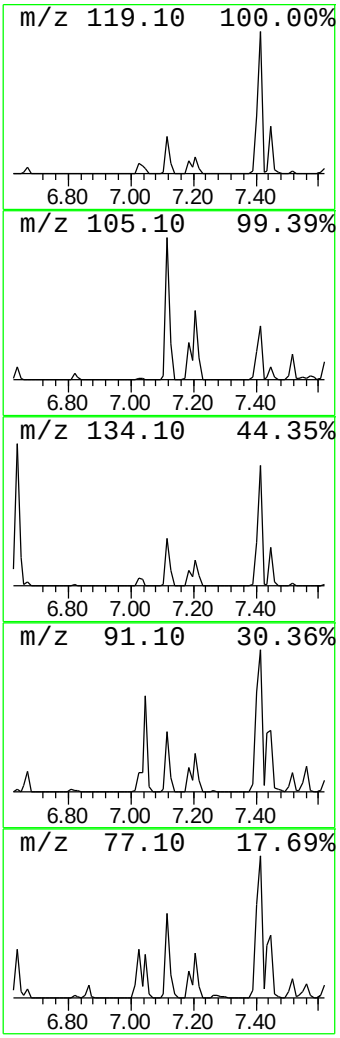
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	23.11 ng	499000	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

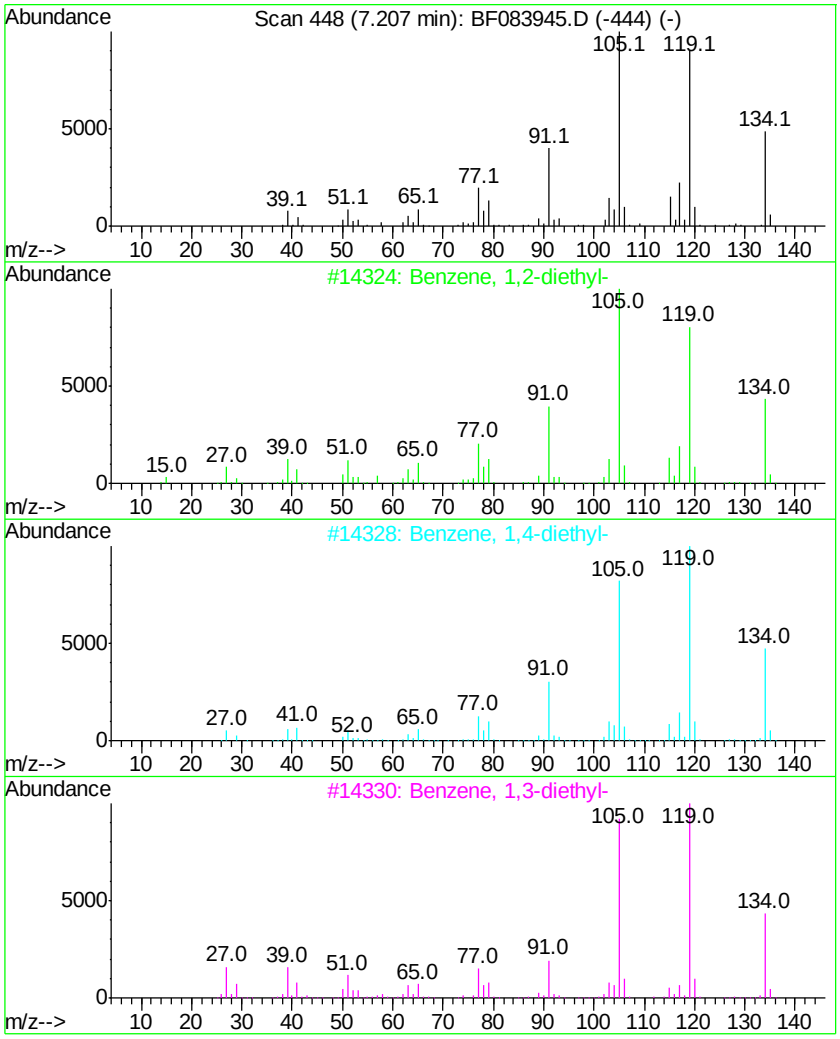
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

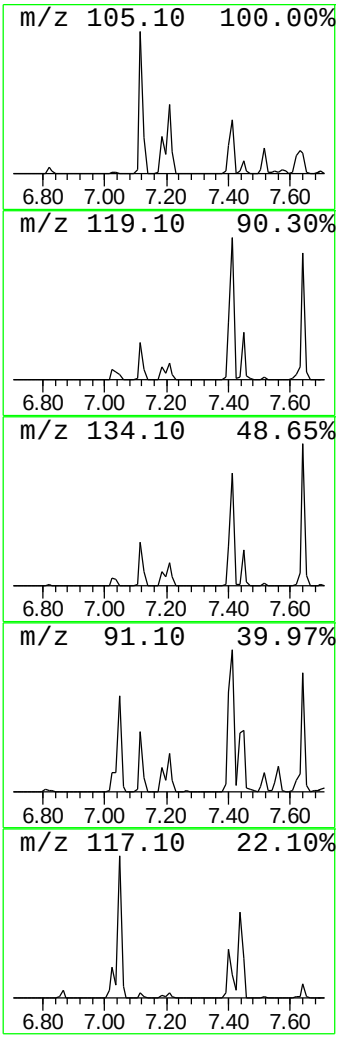
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	20.64 ng	445744	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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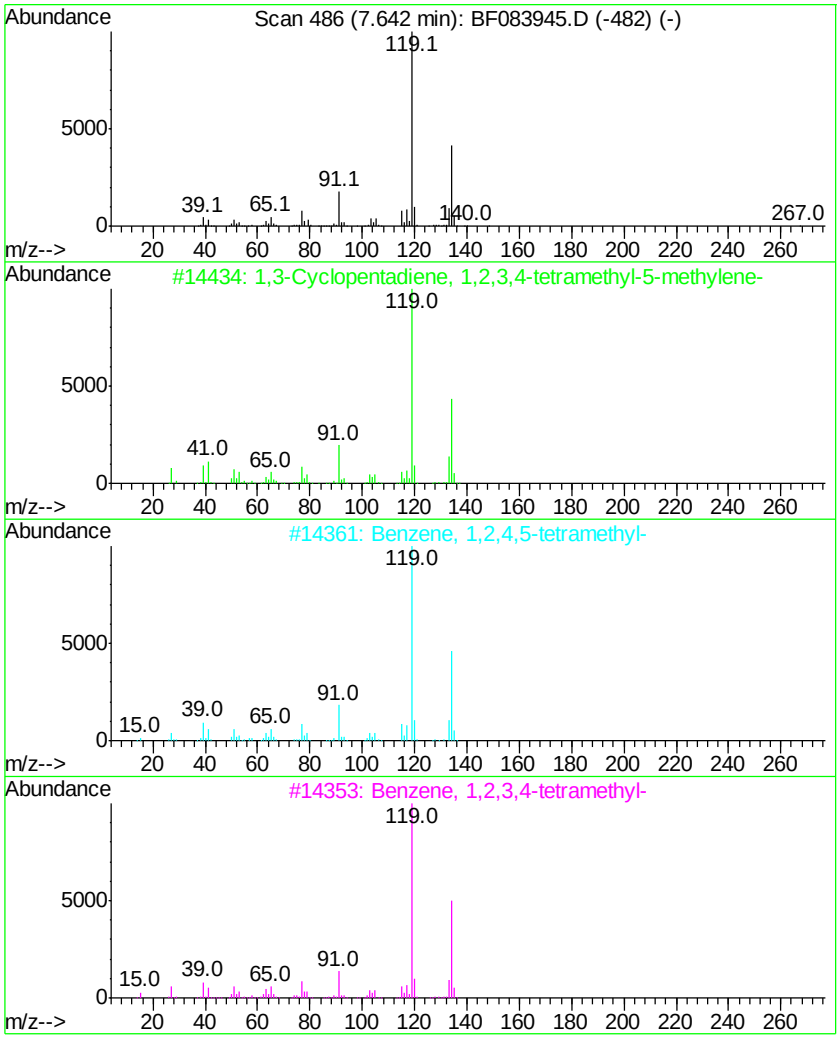
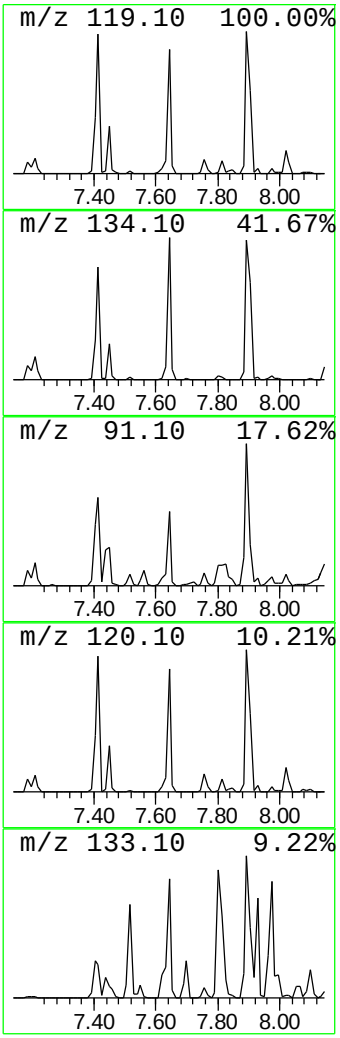
Peak Number 6 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	21.49 ng	1001280	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

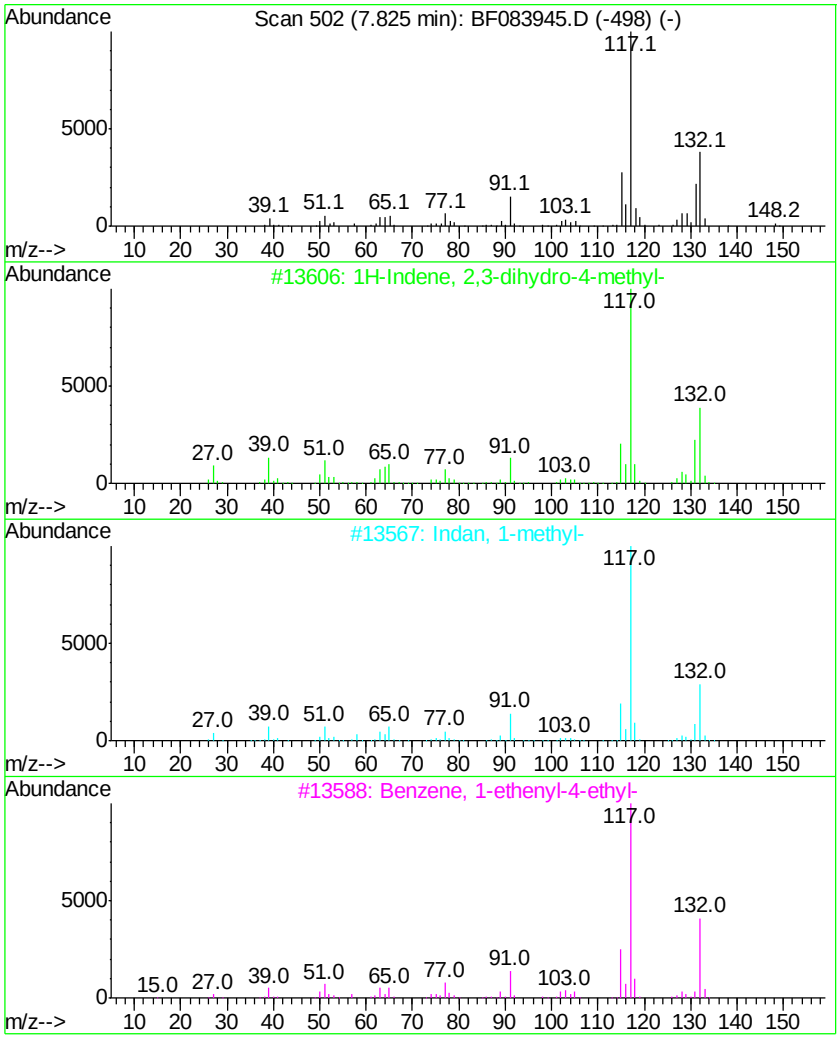
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

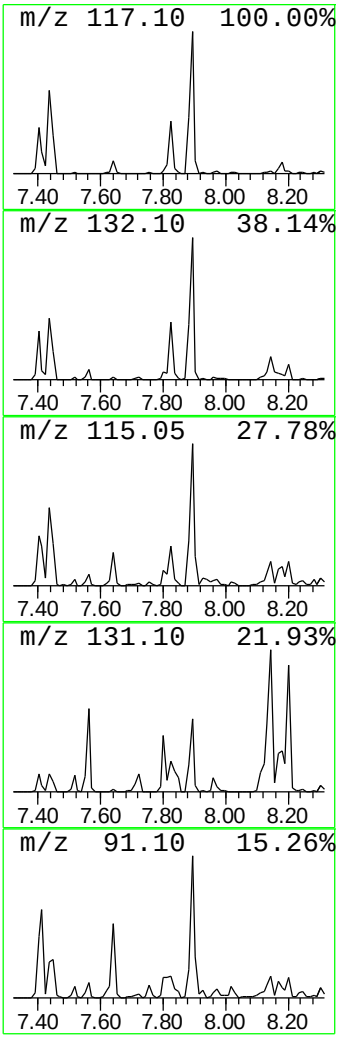
****

Peak Number 7 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	17.46 ng	813370	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	Indan, 1-methyl-	132	C10H12	000767-58-8	93
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

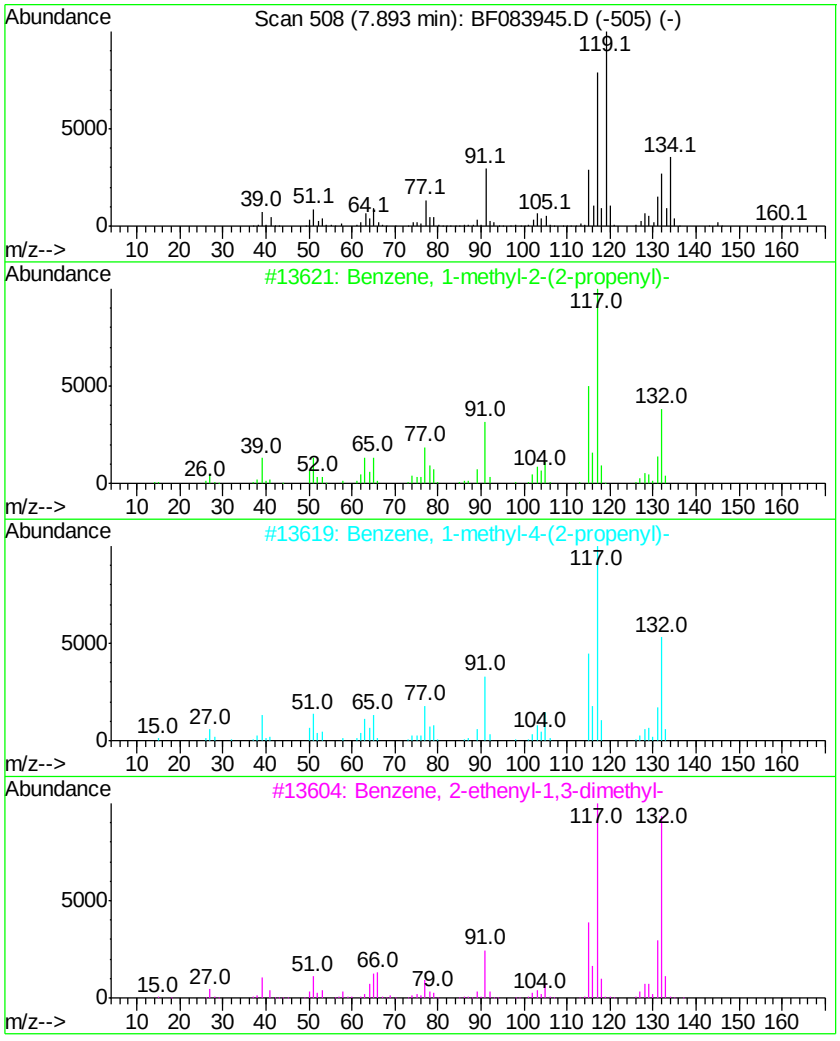
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

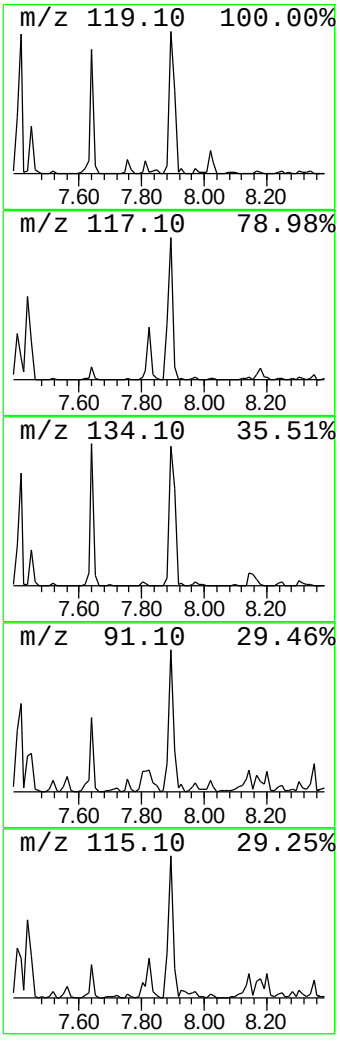
****

Peak Number 8 Benzene, 1-methyl-2-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	53.47 ng	2491050	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	89
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

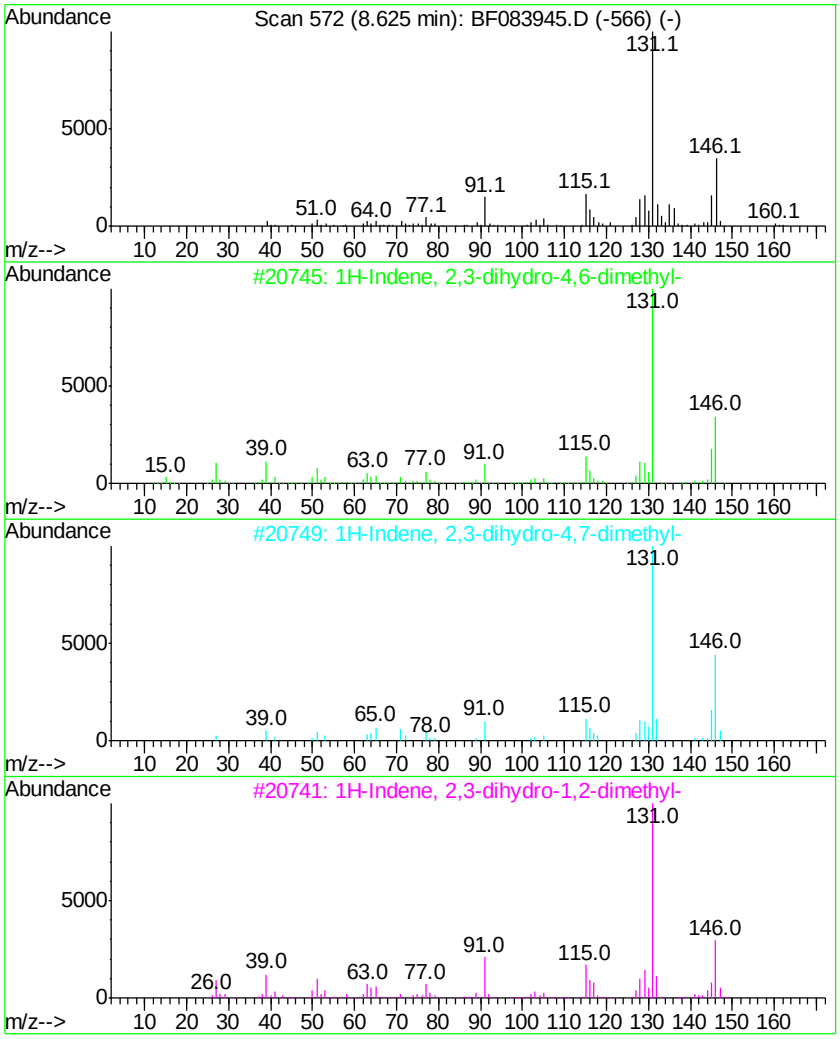
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

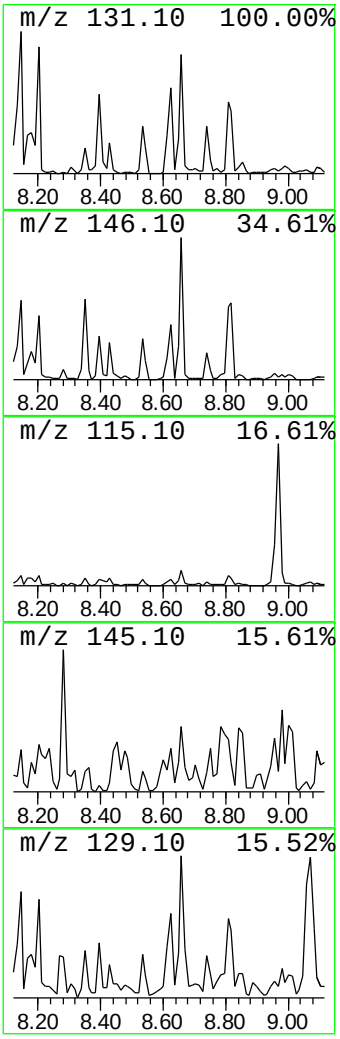
****

Peak Number 9 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	7.96 ng	370814	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81





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Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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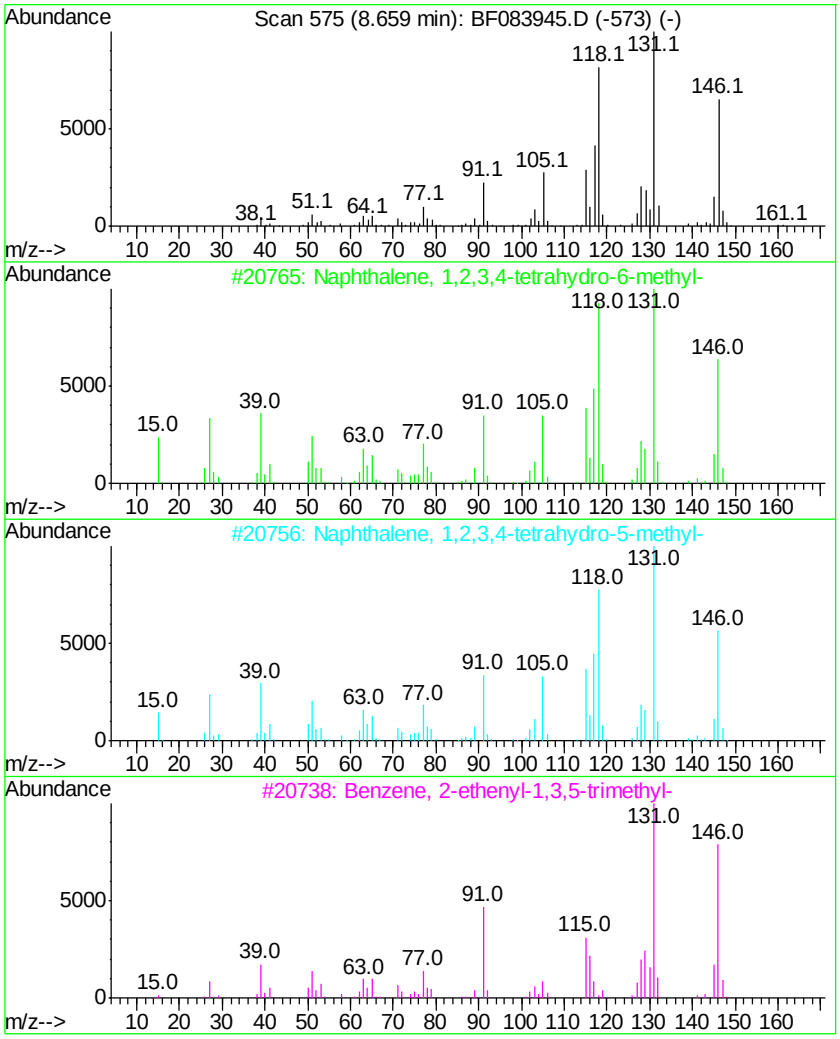
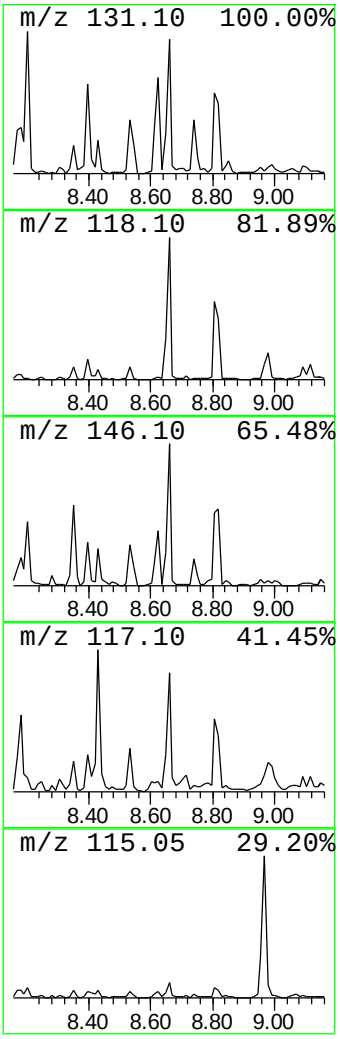
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	15.40 ng	717490	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
5	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	55





Library Search Compound Report

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Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
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TIC Library : C:\DATABASE\NIST02.L
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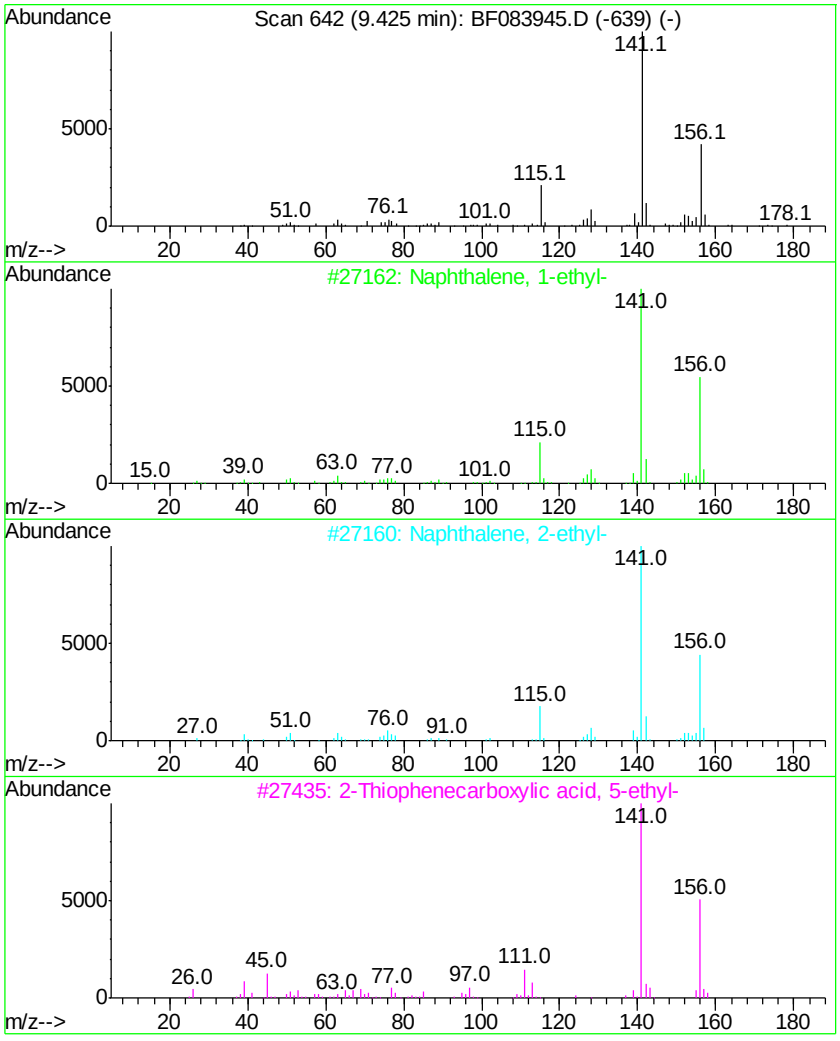
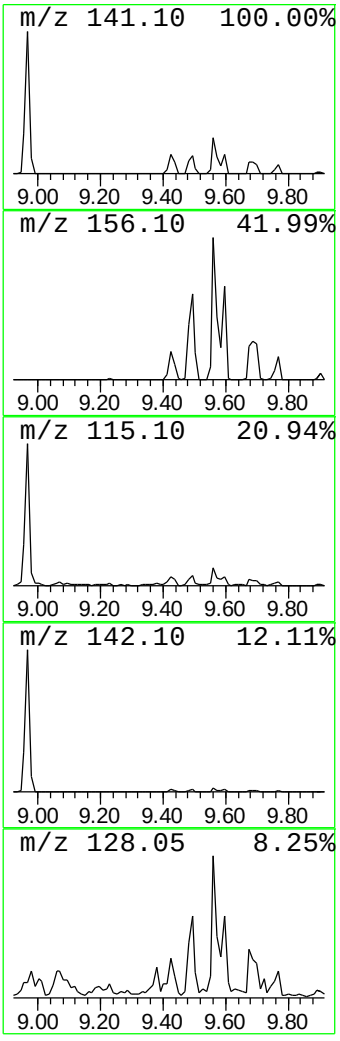
****

Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	12.84 ng	437743	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	49





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Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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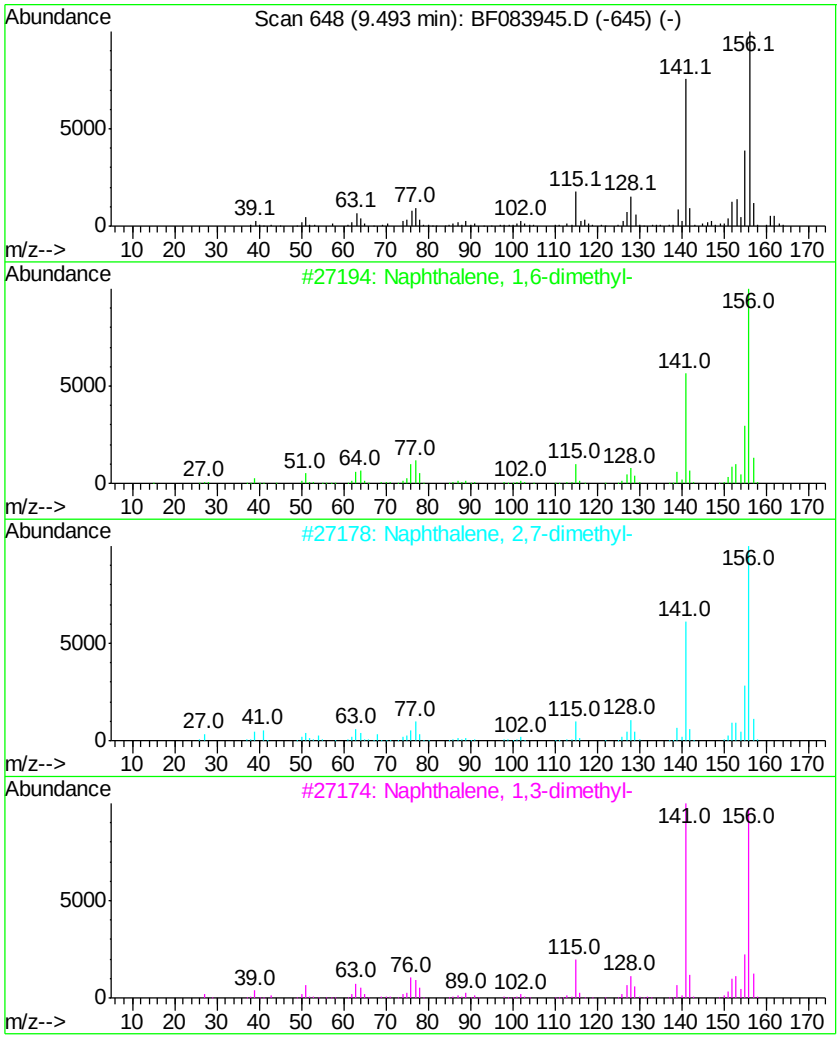
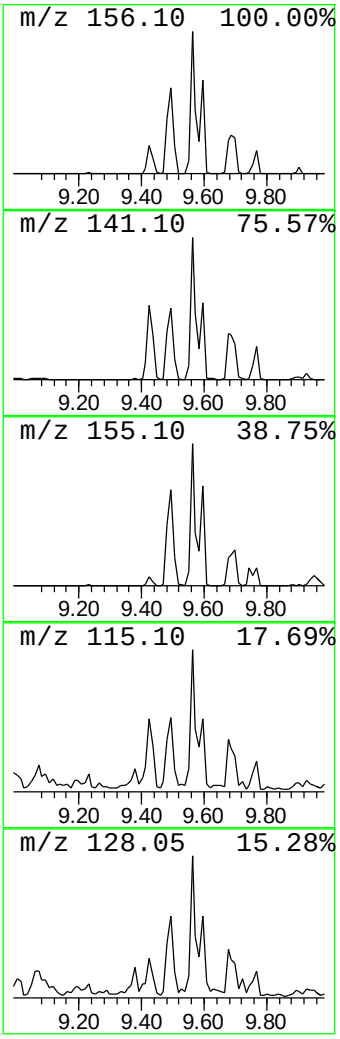
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	21.59 ng	735841	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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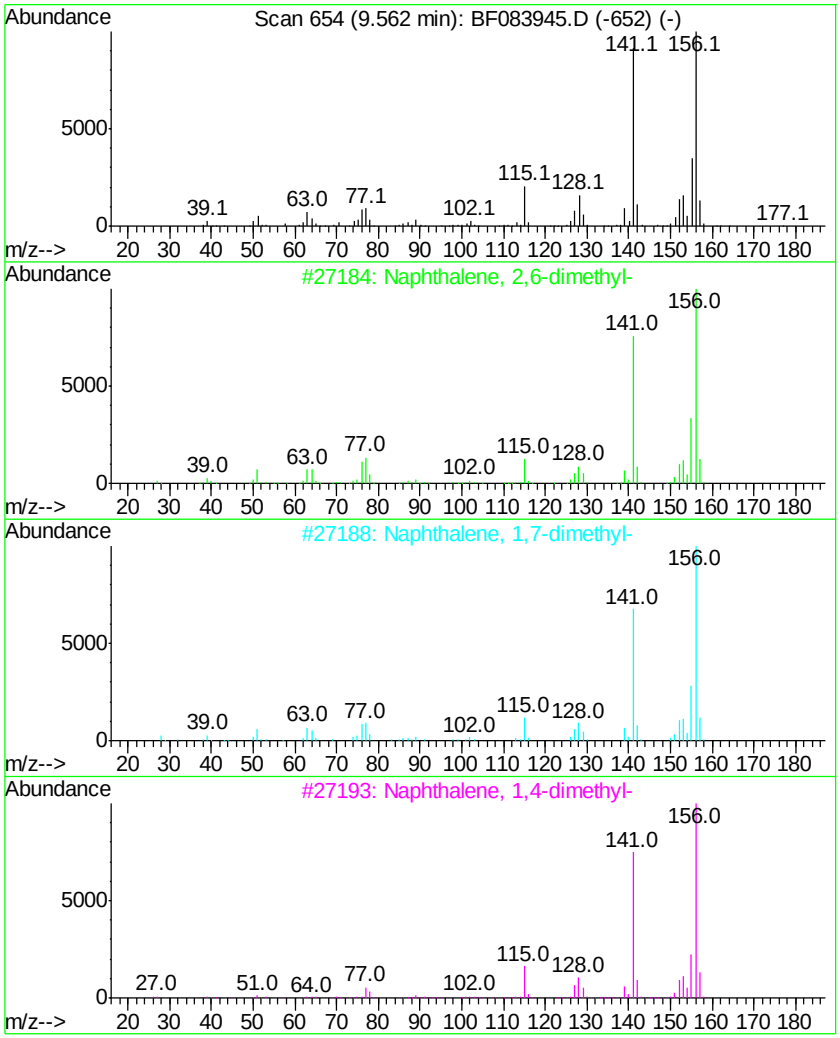
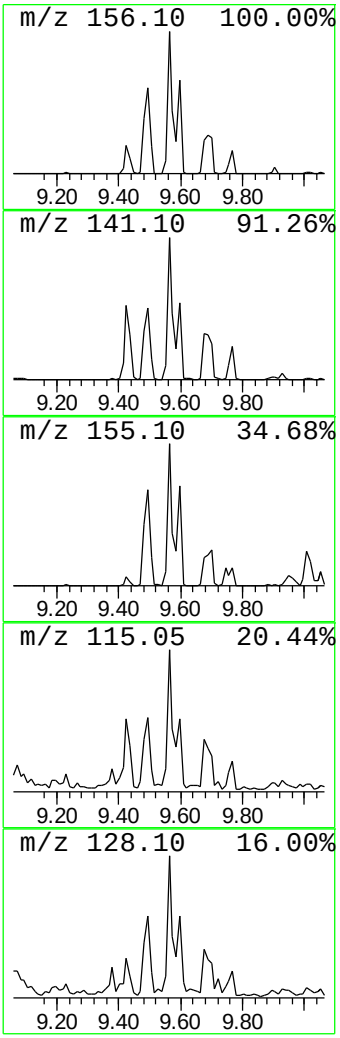
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	32.28 ng	1100150	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

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Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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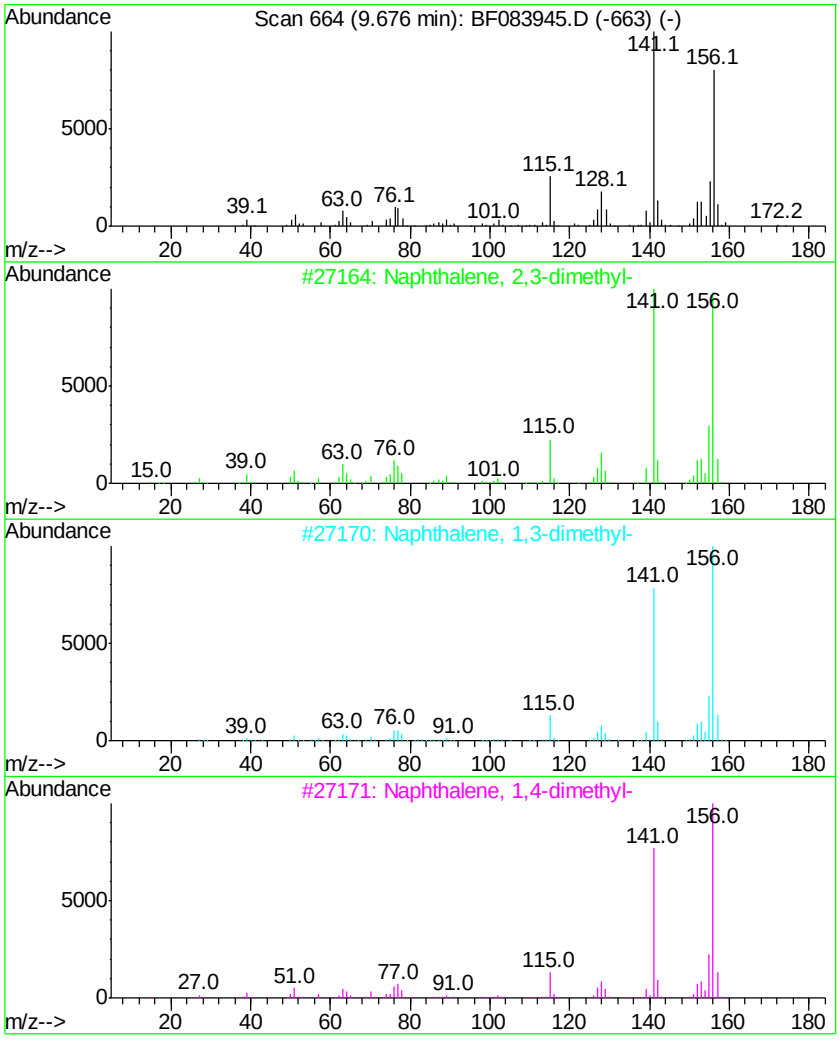
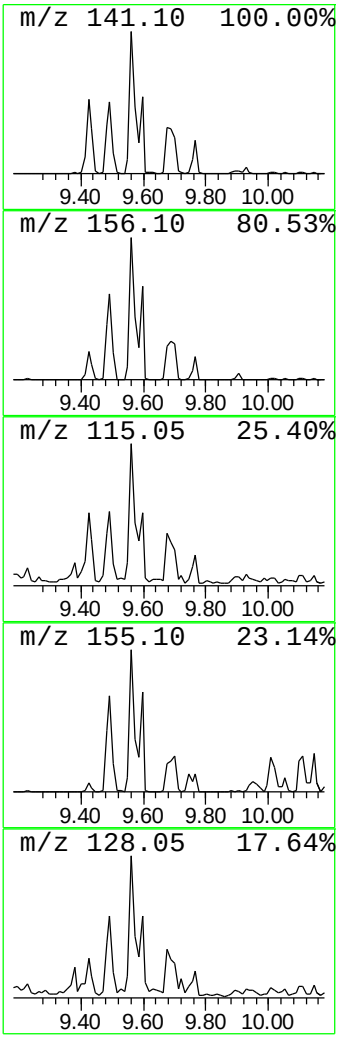
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	14.40 ng	490876	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Data File : BF083945.D
Acq On : 19 Dec 2015 6:34
Operator : UM/SJ
Sample : G4840-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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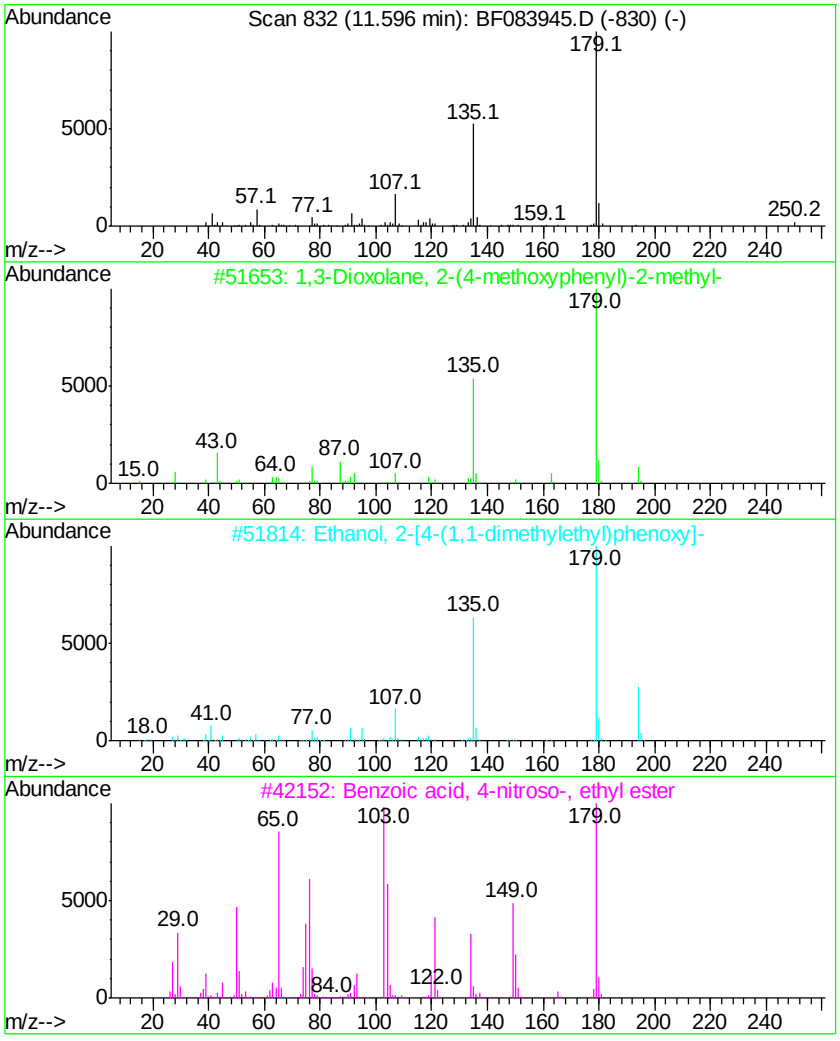
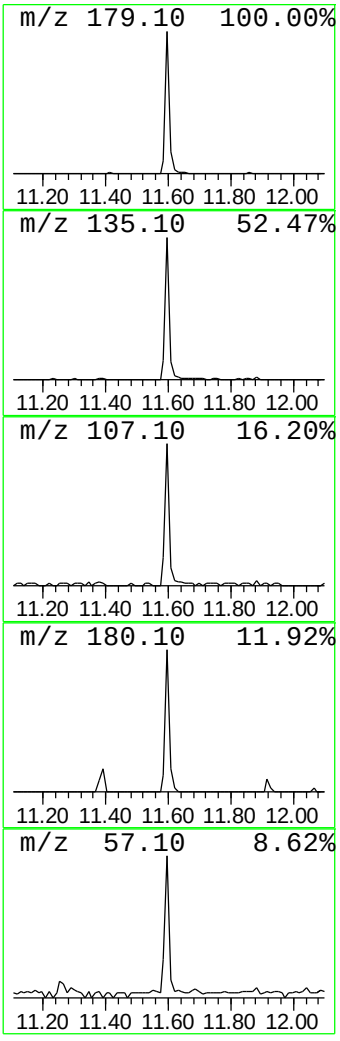
Peak Number 18 1,3-Dioxolane, 2-(4-methoxy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	10.20 ng	278351	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(4-methoxyphenv...	194	C11H14O3	036881-00-2	64
2	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	50
3	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	46
4	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	43
5	4,2-Cresotic acid, 6-methoxy-, b...	538	C29H30O10	019314-74-0	38





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Sample : G4840-10
Misc :
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Instrument : BNA_F
ClientSampleId : W-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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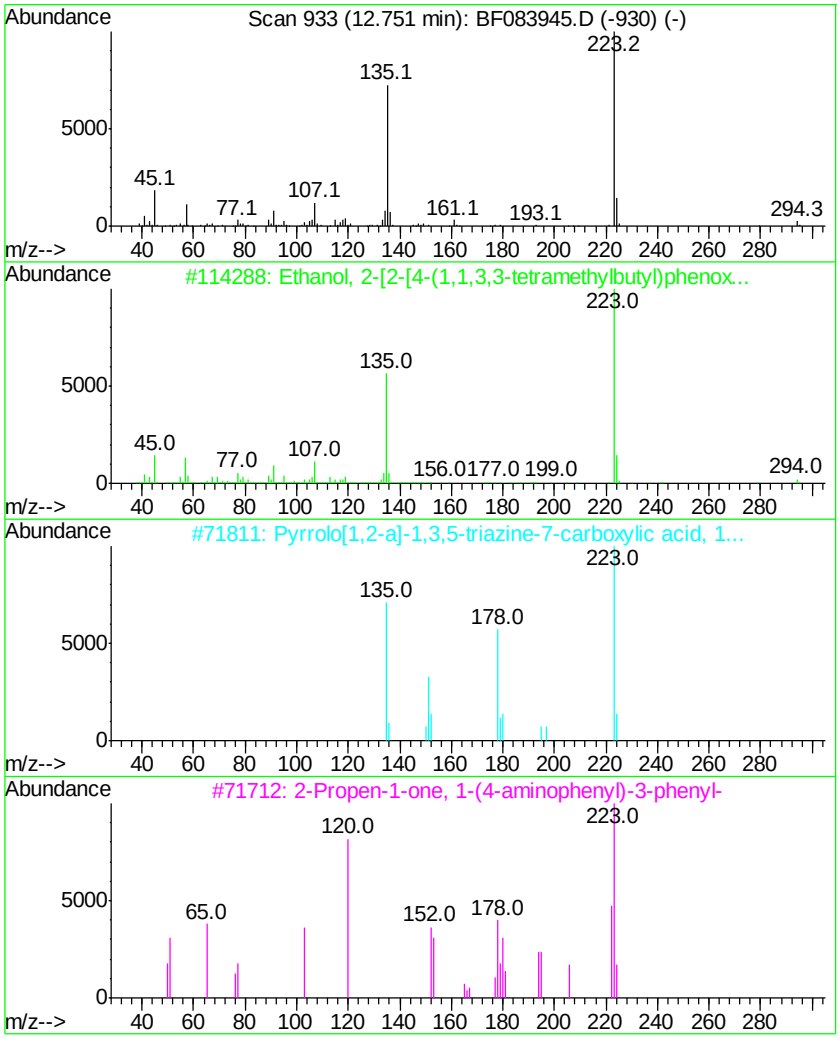
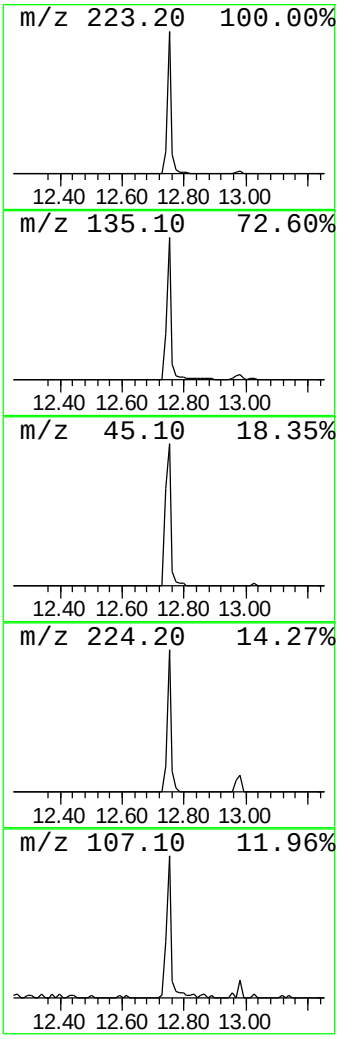
Peak Number 19 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	20.53 ng	430028	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	94
2	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
3	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	38
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	32
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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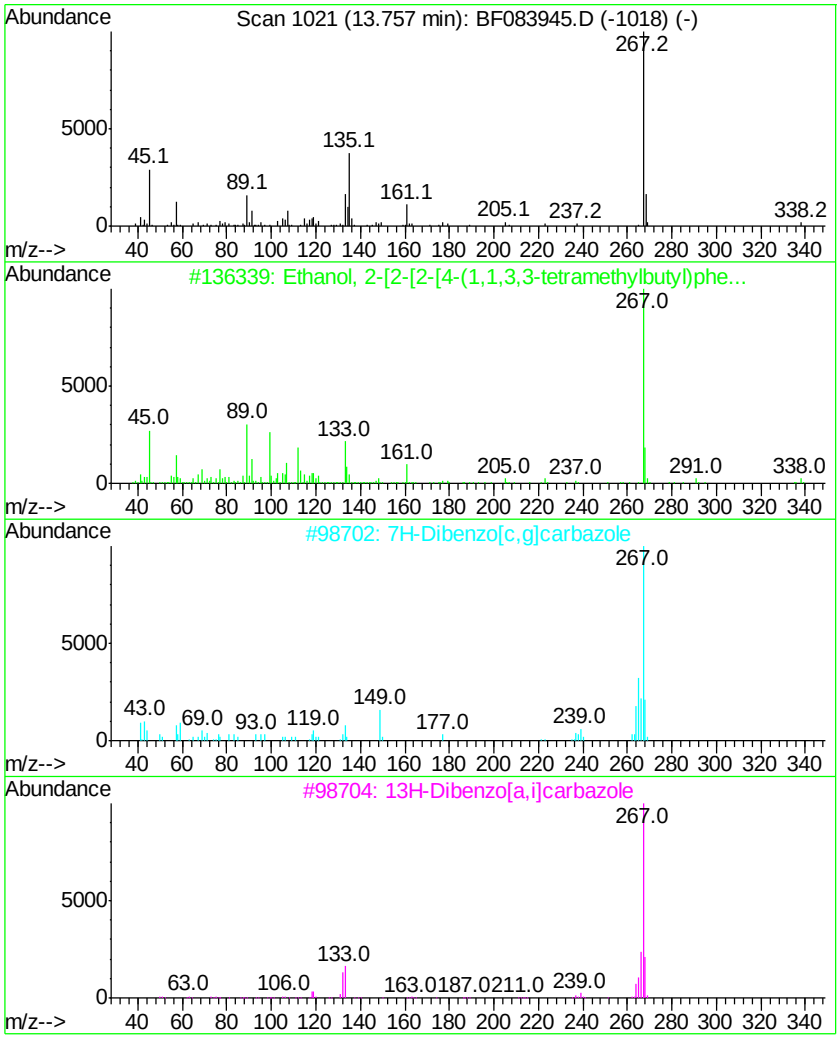
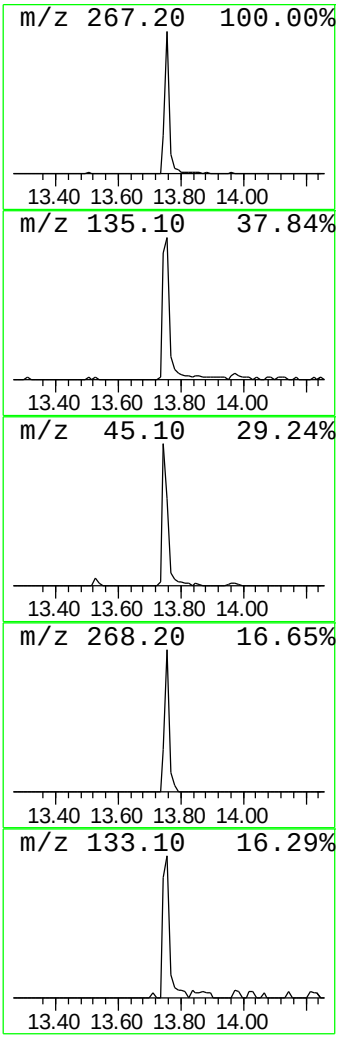
Peak Number 20 unknown13.76 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	13.48 ng	282332	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	49
2	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	43
3	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	38
4	Pyrido[2,3-d]pyrimidin-5(8H)-one...	267	C15H13N3O2	1000260-26-0	37
5	7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	25





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.64	6.64	70.7	ng	1527160	1	6.86	431880	20.0
Benzene, 1,4-diet...	7.12	23.1	ng	499000	1	6.86	431880	20.0
Benzene, 1,2-diet...	7.21	20.6	ng	445744	1	6.86	431880	20.0
1,3-Cyclopentadie...	7.64	21.5	ng	1001280	2	8.14	931698	20.0
1H-Indene, 2,3-di...	7.82	17.5	ng	813370	2	8.14	931698	20.0
Benzene, 1-methyl...	7.89	53.5	ng	2491050	2	8.14	931698	20.0
1H-Indene, 2,3-di...	8.62	8.0	ng	370814	2	8.14	931698	20.0
Naphthalene, 1,2,...	8.66	15.4	ng	717490	2	8.14	931698	20.0
Naphthalene, 1-et...	9.42	12.8	ng	437743	3	9.90	681633	20.0
Naphthalene, 1,6-...	9.49	21.6	ng	735841	3	9.90	681633	20.0
Naphthalene, 2,6-...	9.56	32.3	ng	1100150	3	9.90	681633	20.0
Naphthalene, 2,3-...	9.68	14.4	ng	490876	3	9.90	681633	20.0
1,3-Dioxolane, 2-...	11.60	10.2	ng	278351	4	11.39	545599	20.0
Ethanol, 2-[2-[4-...	12.75	20.5	ng	430028	5	14.02	418945	20.0
unknown13.76	13.76	13.5	ng	282332	5	14.02	418945	20.0